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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/773,326	02/09/2004	Nam-Joo Park	P-0655	8483

7590 06/16/2006
FLESHNER & KIM
P.O. Box 221200
Chantilly, VA 20153-1200

EXAMINER

NGUYEN, SIMON

ART UNIT PAPER NUMBER

2618

DATE MAILED: 06/16/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	10/773,326	PARK, NAM-JOO	
	Examiner	Art Unit	
	SIMON D. NGUYEN	2618	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 09 February 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-11 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1,2 and 6-11 is/are rejected.
- 7) ☒ Claim(s) 3-5 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 09 February 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1-2, 6-11 are rejected under 35 U.S.C. 103(a) as being unpatentable over Lynn et al. (5,717,558) in view of Kraz (6,563,319).

Regarding claim 1, Lynn discloses an ESD detector for a telephone handset (abstract, fig.1), comprising: the ESD detector (116, 158) for detecting a voltage at a higher than a predetermined level; a memory (117, 159) for storing a status information relating to an ESD; a controller (110, 150) for recognizing occurrence of static electricity and resetting in order to control the ESD (column 4 line 25 to column 9 line 26).

However, Lynn fails to teach or suggest a display for display the ESD.

Kraz discloses an ESD monitoring system having a detector for detecting the ESD and displaying on a display (abstract, figs. 1-2, column 3 line 42 to column 4 line 50, column 6 lines 15-32). Therefore, it would have been obvious to one skilled in the art at the time the invention was made to have Lynn, modified by Kraz to view exactly how high the ESD in order to prevent damage to a communication device.

Art Unit: 2618

Regarding claim 7, this claim is rejected for the same reason as set forth in claim 1, as method, wherein Kraz further discloses a comparator for comparing an ESD voltage with a reference voltage in order to reset the voltage (column 4 lines 33-50).

Regarding claim 10, this claim is rejected for the same reason as set forth in claim 1 and 7.

Regarding claim 2, Lynn further discloses a diode (transistor 25 is a diode), a resistor (27) for reducing a voltage (V+), and a logic circuit (control unit) (figs. 1-5).

Regarding claims 6, 8, Lynn further discloses a reset signal controlled by the controller (fig.1, column 7 lines 9-25).

Regarding claim 9, Lynn further discloses a trigger signal for resetting the voltage only happen when the ESD present in the handset which means a voltage greater than a prescribed value (abstract, column 4 lines 25-67, column 6 line 36 to column 7 line 48).

Regarding claim 11, Lynn further discloses if the ESD event is not present, the operation state is continuously maintained (column 4 lines 49-54).

Allowable Subject Matter

3. Claims 3-5 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Art Unit: 2618

Regarding claims 3-5, Lynn further discloses a flip-flop (latch (115, 157) for holding EDS event with a period of time (column 4 lines 55-67). Kraz discloses a flip-flop 90 for outputting a logic signal (fig.2, column 4 lines 33-50)

However, the prior art of record does not specifically teach or suggest a logic circuit unit having an RC delay circuit having an input to connect to a resistor and an output connecting to a D-type flip-flop, and where in the flip-flop outputs a logic signal.

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Simon Nguyen whose telephone number is (571) 272-7894. The examiner can normally be reached on Monday-Friday from 7:00 AM to 4:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward F. Urban, can be reached on (571) 272-7899.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 306-0377.

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks
600 Dulany, Alexandria, VA 22314

Or faxed to:

(571) 273-8300 (for formal communications intended for entry)

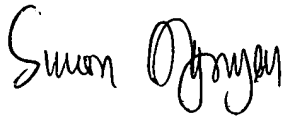
Art Unit: 2618

Hand-delivered response should be brought to Customer Service Window
located at the Randolph Building, 401 Dulany, Alexandria, VA, 22314.

Simon Nguyen

June 2, 2006

SIMON NGUYEN
PRIMARY EXAMINER

A handwritten signature in black ink that reads "Simon Nguyen". The signature is written in a cursive style with a large, stylized "S" and "N".